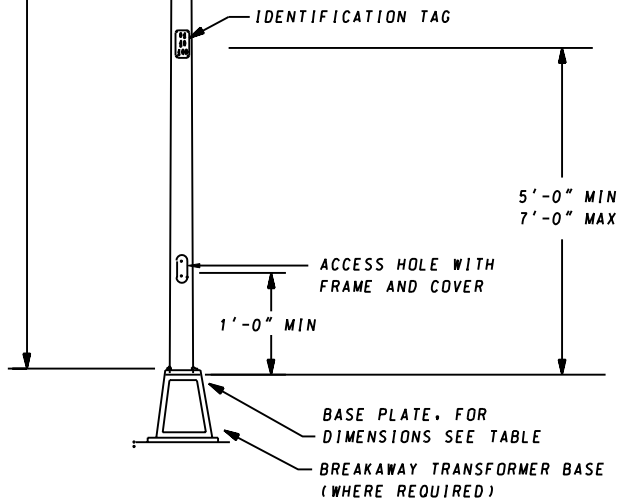


ROUND POLE DATA

H MOUNTING HEIGHT FT	B ARM LENGTH FT	POLE DIA. BOTTOM IN.	BASE PLATE		BOLT CIRCLE IN.
			THICKNESS IN.	SIDE IN.	
30	4 TO 10	7 1/2	1	11 1/2	10 - 11
30	15	8	1	12	10 1/2 - 11 1/2
30	20	8 1/2	1	12	10 1/2 - 11 1/2
30	25	9	1	13	12 1/2 - 13 1/2
30	30	9 1/2	1 1/4	13	12 1/2 - 13 1/2
40	4 TO 20	9 1/2	1	13	12 1/2 - 13 1/2
40 NB	25	10 1/2	1 1/4	15	14
40 NB	30	11	1 1/4	15 5/8	15
40 NB	35	12	1 1/2	17	16
50	4 TO 6	10 1/2	1	15	14
50	10 TO 15	10 1/2	1 1/4	15	14
50	20	10 1/2	1 1/4	15	14
50 NB	25	12	1 1/4	17	16
50 NB	30	13	1 1/2	18	17

MOUNTING
HEIGHT
"H"



NOTES:

- HANDHOLES AND TRANSFORMER BASE OPENINGS SHALL BE INSTALLED ON THE SIDE OF THE POLE FACING AWAY FROM TRAFFIC.
- LIGHTING STRUCTURE DESIGN MAY VARY ACCORDING TO THE LENGTH OF ARM AND HEIGHT OF POLE.
- MOUNTING HEIGHT SHALL BE MEASURED FROM THE CENTER OF THE LUMINAIRE TO TOP OF THE POLE BASE PLATE.
- BRACKET ARM ATTACHMENT SHALL BE DESIGNED SO THAT IT CAN TRANSFER THE FULL STRENGTH OF THE POLE SHAFT.
- POLE TAPER: 0.1" TO 0.14" PER FOOT OF LENGTH
- TWO PIECE POLE SHAFT MAY BE USED FOR POLES 50' OR HIGHER.
- IDENTIFICATION TAG SHALL BE PLACED ON SIDE OF POLE FACING TRAFFIC.
- "NB" SIGNIFIES THAT POLE SHALL NOT BE USED ON BREAKAWAY BASE.
- REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOUNDATION DETAIL FOR ANCHOR BOLT REQUIREMENTS.

SPECIFICATION
808

CATEGORY CODE ITEMS

APPROVED

DIRECTOR - OFFICE OF TRAFFIC AND SAFETY



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REVISIONS
APPROVAL 7-1-94
REVISED 10-1-01
REVISED
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HIGHWAY ADMINISTRATION
APPROVAL 7-1-94
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REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

LIGHTING STRUCTURE WITH BRACKET ARM

STANDARD NO.

MD 808.01